

AMENDMENTS TO THE CLAIMS

Please cancel original claims 4, 9, 14 and 19, amend claims 1, 3, 6, 8, 10, 11, 13, 16 and 18, and add new claims 21-29, respectively, to the above-referenced application as set forth below. In accordance with 37 C.F.R. §1.121, a claim listing including the status and text of all claims (as currently amended) appears below. In making these amendments, no new matter is added.

1. (Currently Amended) A system for providing interaction between a client and a server, comprising:

means for providing at least one property that a bean represents;
means for providing a property field that describes usage of an attribute for the bean;
means for providing a type that describes the bean; and
means for ~~using the bean to provide interaction between a client and a server~~ **utilizing the bean as a cache entity.**

2. (Original) The system of claim 1, further comprising:

means for mapping the at least one property to a method in a stub.

3. (Currently Amended) The system of claim 1, further comprising:

means for providing a handle for the bean, **wherein the handle is used for transaction contact.**

4. (Canceled)

5. (Original) The system of claim 1, further comprising:

means for indicating if a value of one of the at least one property has changed.

6. (Currently Amended) A method for providing interaction between a client and a server, the method comprising the steps of:

automatically providing at least one property that a bean represents;
automatically providing a property field that describes the usage of an attribute for the bean;

automatically providing a type that describes the bean; and
using the bean to provide interaction between a client and a server.

7. (Original) The method of claim 6, further comprising the step of:
mapping the at least one property to a method in a stub.

8. (Currently Amended) The method of claim 6, further comprising the step of:
providing a handle for the bean, wherein the handle is used for transaction contact.

9. (Canceled)

10. (Currently Amended) The method of claim ~~9~~**8**, further comprising the step of:
indicating if a value of one of the at least one property has changed.

11. (Currently Amended) A computer readable medium for providing interaction between a client and a server, comprising:

logic that automatically provides at least one property that a bean represents;
logic that automatically provides a property field that describes usage of an attribute for the bean;

logic that automatically provides a type that describes the bean; and
logic that uses the bean to provide interaction between a client and a server.

12. (Original) The computer readable medium of claim 11, further comprising:
logic that maps the at least one property to a method in a stub.

13. (Currently Amended) The computer readable medium of claim 11, further

comprising:

logic that provides a handle for the bean, **wherein the handle is used for transaction contact.**

14. (Canceled)

15. (Original) The computer readable medium of claim 11, further comprising:

logic that indicates if a value of one of the at least one property has changed.

16. (Currently Amended) A system for providing interaction between a client and a server, comprising:

a bean, wherein said bean further comprises:

at least one property that identifies the bean;

a property field that describes usage of an attribute for the bean; ~~and~~

a type that describes the bean; **and**

a cache for storing transient values for the at least one property for subsequent retrieval after a first use.

17. (Original) The system of claim 16, wherein the bean maps the at least one property to a method in a stub.

18. (Currently Amended) The system of claim 16, wherein the bean further comprises:

a handle for the bean, **wherein the handle is used for transaction contact.**

19. (Canceled)

20. (Original) The system of claim 16, wherein the at least one property includes a value to indicate that at least one property has changed.

21. (New) The system of claim 1, wherein said means for utilizing said bean as a cache entity is configured to store transient values for said at least one property for subsequent retrieval.

22. (New) The system of claim 1, wherein values stored in said cache entity are summarized into property sets.

23. (New) The system of claim 22, wherein said property sets are configured for subsequent retrieval as one network package.

24. (New) The method of claim 6, further comprising the step of:
connecting the client to an interface repository and application dictionary.

25. (New) The method of claim 6, further comprising the step of:
generating a subclass for an interface bean class.

26. (New) The computer readable medium of claim 11, further comprising:
logic that connects to an interface repository and application dictionary.

27. (New) The computer readable medium of claim 11, further comprising:
logic that generates a subclass for an interface bean class.

28. (New) The system of claim 16, wherein said transient values stored in said cache are summarized into property sets.

29. (New) The system of claim 28, wherein said property sets are configured for subsequent retrieval as one network package.